
NASA

1
00:01:20,740 --> 00:01:18,250
good morning i'm ellen ochoa director of

2
00:01:22,180 --> 00:01:20,750
Johnson Space Center and whether you're

3
00:01:24,490 --> 00:01:22,190
here in person from the Greater Houston

4
00:01:27,280 --> 00:01:24,500
community or you're watching us on NASA

5
00:01:30,100 --> 00:01:27,290
TV like to welcome you to Johnson Space

6
00:01:32,859 --> 00:01:30,110
Center this morning here at JSC were

7
00:01:34,530 --> 00:01:32,869
about advancing human spaceflight we

8
00:01:37,450 --> 00:01:34,540
manage the International Space Station

9
00:01:39,730 --> 00:01:37,460
we're developing the Orion vehicle that

10
00:01:42,310 --> 00:01:39,740
you see behind us we advanced

11
00:01:44,800 --> 00:01:42,320
technologies that we'll need to explore

12
00:01:46,840 --> 00:01:44,810
beyond low-earth orbit and of course we

13
00:01:48,999 --> 00:01:46,850

train astronauts and we're very excited

14
00:01:52,090 --> 00:01:49,009
to be here this morning to welcome our

15
00:01:54,340 --> 00:01:52,100
newest class of astronaut candidates so

16
00:01:57,030 --> 00:01:54,350
to start that off I'd like to welcome

17
00:02:04,440 --> 00:01:57,040
our NASA Administrator Charlie Bolden

18
00:02:10,330 --> 00:02:08,590
thanks very much Alan and I know you all

19
00:02:12,820 --> 00:02:10,340
know I do have prepared remarks but

20
00:02:14,470 --> 00:02:12,830
before I get into him I want to say pay

21
00:02:19,270 --> 00:02:14,480
special tribute to two very special

22
00:02:25,420 --> 00:02:19,280
people to me and Dwayne Teresa you to

23
00:02:27,310 --> 00:02:25,430
stand up this crowd

24
00:02:28,900 --> 00:02:27,320
viii over here that you're going to meet

25
00:02:29,920 --> 00:02:28,910
today has had an opportunity to meet

26
00:02:31,870 --> 00:02:29,930
them

27
00:02:33,699 --> 00:02:31,880
and they have these two have played a

28
00:02:35,620 --> 00:02:33,709
very important part in their lives they

29
00:02:37,870 --> 00:02:35,630
just don't know it yet they don't know

30
00:02:40,090 --> 00:02:37,880
how important but I'm certain I know

31
00:02:41,979 --> 00:02:40,100
Victor because I I referred him to

32
00:02:44,949 --> 00:02:41,989
Dwayne many years ago and whenever you

33
00:02:46,660 --> 00:02:44,959
get a call and somebody says hey what do

34
00:02:48,970 --> 00:02:46,670
I do I want to be an astronaut and I

35
00:02:51,160 --> 00:02:48,980
said I don't have a clue I was just one

36
00:02:52,960 --> 00:02:51,170
called Dwayne or call Theresa and they

37
00:02:55,550 --> 00:02:52,970
will help you get through this thing so

38
00:02:58,490 --> 00:02:55,560

Dwayne's retiring and

39
00:03:00,440 --> 00:02:58,500
and and in fact it's already retired and

40
00:03:02,839 --> 00:03:00,450
is working or something I don't know and

41
00:03:06,140 --> 00:03:02,849
Teresa is going to retire next year but

42
00:03:08,030 --> 00:03:06,150
on behalf of all of us I wanted to thank

43
00:03:10,580 --> 00:03:08,040
the two of you in particular you have a

44
00:03:11,960 --> 00:03:10,590
whole team but but you two led the team

45
00:03:14,509 --> 00:03:11,970
and you brought me in and you brought

46
00:03:16,460 --> 00:03:14,519
them in since this is your last s kin

47
00:03:22,940 --> 00:03:16,470
class I want to thank you very much for

48
00:03:24,920 --> 00:03:22,950
everything you do thanks a lot and then

49
00:03:26,509 --> 00:03:24,930
for the I'm looking around I don't see

50
00:03:30,110 --> 00:03:26,519
anybody here except maybe some of the

51
00:03:31,789 --> 00:03:30,120
parents and family the term s can it is

52
00:03:34,220 --> 00:03:31,799
a term of endearment you know it means

53
00:03:37,190 --> 00:03:34,230
astronaut candidates so it's nothing

54
00:03:40,130 --> 00:03:37,200
nasty kids or stuff like that and and

55
00:03:42,979 --> 00:03:40,140
it's not a bad word because it's it's

56
00:03:46,400 --> 00:03:42,989
it's okay but I want to welcome the

57
00:03:48,320 --> 00:03:46,410
families here and particularly the new

58
00:03:50,449 --> 00:03:48,330
astronauts who are joining the NASA

59
00:03:53,180 --> 00:03:50,459
family today well they actually did it

60
00:03:56,990 --> 00:03:53,190
officially before I think as most of you

61
00:03:59,059 --> 00:03:57,000
know for more than 50 years now from the

62
00:04:01,819 --> 00:03:59,069
early days of Gemini and Mercury on

63
00:04:04,130 --> 00:04:01,829

Apollo and the moon landings to the star

64
00:04:06,979 --> 00:04:04,140
achievements of NASA's 30-year space

65
00:04:08,660 --> 00:04:06,989
shuttle era and today's International

66
00:04:10,550 --> 00:04:08,670
Space Station the Johnson Space Center

67
00:04:12,860 --> 00:04:10,560
has been the home of America's human

68
00:04:15,199 --> 00:04:12,870
spaceflight as Ellen said and it will be

69
00:04:17,630 --> 00:04:15,209
your new home and hope you all enjoyed

70
00:04:19,550 --> 00:04:17,640
as much as I did I want to thank Senator

71
00:04:21,259 --> 00:04:19,560
director Ellen the Choi and her team

72
00:04:24,050 --> 00:04:21,269
here including director of flight crew

73
00:04:26,390 --> 00:04:24,060
operations dr. Janet Kevon D and chief

74
00:04:29,690 --> 00:04:26,400
of the astronaut office Bob Behnken who

75
00:04:32,240 --> 00:04:29,700
is always quiet for building on that

76
00:04:35,480 --> 00:04:32,250
legacy and helping lead NASA to a new

77
00:04:37,219 --> 00:04:35,490
era of space exploration in a few

78
00:04:39,409 --> 00:04:37,229
minutes all of you are going to meet the

79
00:04:42,050 --> 00:04:39,419
eight new members of NASA's 2013

80
00:04:44,090 --> 00:04:42,060
astronaut class they not only have the

81
00:04:46,219 --> 00:04:44,100
right stuff professionally physically

82
00:04:48,860 --> 00:04:46,229
and personally they represent the full

83
00:04:50,480 --> 00:04:48,870
tapestry of American diversity and with

84
00:04:52,730 --> 00:04:50,490
half of them being women this is the

85
00:04:55,250 --> 00:04:52,740
highest percentage of women ever in a

86
00:04:57,529 --> 00:04:55,260
class of astronaut candidates these

87
00:04:59,060 --> 00:04:57,539
next-generation American astronauts will

88
00:05:00,980 --> 00:04:59,070

be among those who will have the

89
00:05:03,320 --> 00:05:00,990
opportunity to fly on new commercial

90
00:05:04,790 --> 00:05:03,330
space transportation systems that are

91
00:05:07,390 --> 00:05:04,800
now under development and more

92
00:05:10,150 --> 00:05:07,400
importantly they will be among the

93
00:05:12,820 --> 00:05:10,160
who plan and perhaps carry out the

94
00:05:15,999 --> 00:05:12,830
first-ever human missions to an asteroid

95
00:05:17,980 --> 00:05:16,009
and on to Mars and of course it all

96
00:05:20,379 --> 00:05:17,990
begins with preparing them for missions

97
00:05:23,320 --> 00:05:20,389
to the International Space Station the

98
00:05:25,060 --> 00:05:23,330
ISS is an absolutely amazing orbiting

99
00:05:27,999 --> 00:05:25,070
research laboratory that has been

100
00:05:29,110 --> 00:05:28,009
continuously occupied by astronauts from

101
00:05:31,420 --> 00:05:29,120
the United States and other

102
00:05:34,180 --> 00:05:31,430
international partners for more than 12

103
00:05:35,529 --> 00:05:34,190
years it is emblematic of the growing

104
00:05:38,710 --> 00:05:35,539
importance of international cooperation

105
00:05:40,570 --> 00:05:38,720
as humans seek to travel farther into

106
00:05:43,480 --> 00:05:40,580
the solar system than we've ever gone

107
00:05:46,240 --> 00:05:43,490
before as the global leader in that

108
00:05:48,159 --> 00:05:46,250
quest NASA is hard at work implementing

109
00:05:50,590 --> 00:05:48,169
the bipartisan strategic space

110
00:05:54,640 --> 00:05:50,600
exploration plan agreed to by the

111
00:05:56,740 --> 00:05:54,650
president in Congress back in 2011 this

112
00:05:59,110 --> 00:05:56,750
plan maintains America's leadership in

113
00:06:01,210 --> 00:05:59,120

space exploration by investing in

114
00:06:03,060 --> 00:06:01,220
game-changing technology partnering with

115
00:06:05,020 --> 00:06:03,070
commercial companies to carry out

116
00:06:07,270 --> 00:06:05,030
transportation to low-earth orbit

117
00:06:10,180 --> 00:06:07,280
building the most sophisticated space

118
00:06:13,180 --> 00:06:10,190
telescope ever and developing deep space

119
00:06:14,830 --> 00:06:13,190
launch system and a crew capsule to send

120
00:06:19,360 --> 00:06:14,840
American astronauts farther into space

121
00:06:20,610 --> 00:06:19,370
than ever before today 12 members of the

122
00:06:23,469 --> 00:06:20,620
International Space Exploration

123
00:06:25,990 --> 00:06:23,479
coordination group of which NASA is a

124
00:06:28,390 --> 00:06:26,000
member released our global exploration

125
00:06:31,629 --> 00:06:28,400
roadmap sending a clear signal to the

126
00:06:33,279 --> 00:06:31,639
global community that we want to be at

127
00:06:35,770 --> 00:06:33,289
they all want to be a part of NASA's

128
00:06:38,589 --> 00:06:35,780
unified deep space exploration strategic

129
00:06:40,210 --> 00:06:38,599
plan with robotic and human missions two

130
00:06:43,870 --> 00:06:40,220
destinations that include near-earth

131
00:06:45,850 --> 00:06:43,880
asteroids the Moon and Mars the roadmap

132
00:06:47,950 --> 00:06:45,860
demonstrates the important role of

133
00:06:49,779 --> 00:06:47,960
NASA's asteroid mission and advancing

134
00:06:52,629 --> 00:06:49,789
the capabilities needed for exploring

135
00:06:54,700 --> 00:06:52,639
Mars and the economic and societal value

136
00:06:57,370 --> 00:06:54,710
of exploration and it what it brings to

137
00:06:59,230 --> 00:06:57,380
all of us the roadmap also highlights

138
00:07:01,180 --> 00:06:59,240

the critical role of the International

139
00:07:04,000 --> 00:07:01,190
Space Station in preparing for

140
00:07:06,460 --> 00:07:04,010
deep-space exploration it identifies a

141
00:07:08,409 --> 00:07:06,470
conceptual mission scenario that

142
00:07:10,450 --> 00:07:08,419
demonstrates how missions in the lunar

143
00:07:12,760 --> 00:07:10,460
vicinity including the asteroid mission

144
00:07:17,589 --> 00:07:12,770
prepare for international missions to

145
00:07:18,650 --> 00:07:17,599
Mars in the 2013-14 discoveries along

146
00:07:20,770 --> 00:07:18,660
the way

147
00:07:23,510 --> 00:07:20,780
building on the United States

148
00:07:26,060 --> 00:07:23,520
unparalleled record of success on the

149
00:07:27,860 --> 00:07:26,070
lunar surface the roadmap identifies

150
00:07:30,320 --> 00:07:27,870
potential commercial and international

151
00:07:32,420 --> 00:07:30,330
missions to the moon these missions

152
00:07:34,760 --> 00:07:32,430
could demonstrate critical capabilities

153
00:07:37,250 --> 00:07:34,770
for future Mars missions while meeting

154
00:07:40,340 --> 00:07:37,260
other lunar exploration objectives while

155
00:07:42,380 --> 00:07:40,350
we at NASA we focus on deep-space

156
00:07:44,480 --> 00:07:42,390
exploration to meet the president's

157
00:07:47,420 --> 00:07:44,490
challenges of sending humans to an

158
00:07:50,150 --> 00:07:47,430
asteroid and on to Mars together with

159
00:07:52,070 --> 00:07:50,160
space agencies from around the world we

160
00:07:54,500 --> 00:07:52,080
are expanding our reach into the solar

161
00:07:57,110 --> 00:07:54,510
system as well as our human and tech not

162
00:07:59,090 --> 00:07:57,120
technical capabilities these new

163
00:08:01,370 --> 00:07:59,100

astronauts are introducing we are

164
00:08:03,860 --> 00:08:01,380
introducing today are critical to

165
00:08:05,930 --> 00:08:03,870
achieving our ambitious goals they will

166
00:08:08,270 --> 00:08:05,940
help us to continue to lead the world in

167
00:08:11,000 --> 00:08:08,280
exploration and they will become role

168
00:08:13,340 --> 00:08:11,010
models for boys and girls young men and

169
00:08:16,580 --> 00:08:13,350
women old men and women like me all over

170
00:08:19,250 --> 00:08:16,590
the world their journey begins now and

171
00:08:21,790 --> 00:08:19,260
the nation as it always has will be

172
00:08:23,630 --> 00:08:21,800
right beside them reaching for the stars

173
00:08:26,360 --> 00:08:23,640
congratulations to all of you welcome

174
00:08:36,529 --> 00:08:26,370
have fun as I told you and thanks very

175
00:08:38,510 --> 00:08:36,539
much well good morning I'm going to have

176
00:08:40,820 --> 00:08:38,520
the pleasure and honor of introducing

177
00:08:42,770 --> 00:08:40,830
these new astronaut candidates to y'all

178
00:08:44,960 --> 00:08:42,780
but before I do I wanted to give you a

179
00:08:46,670 --> 00:08:44,970
little bit of an appreciation for what

180
00:08:49,970 --> 00:08:46,680
it took to sit here in these eight

181
00:08:51,950 --> 00:08:49,980
chairs today the process is quite

182
00:08:53,870 --> 00:08:51,960
grueling I think to to some of these

183
00:08:56,360 --> 00:08:53,880
folks who entered to those who didn't

184
00:08:58,190 --> 00:08:56,370
make it as well we made our first call

185
00:09:01,940 --> 00:08:58,200
for applications about a year and a half

186
00:09:05,210 --> 00:09:01,950
ago we received well over 6,000

187
00:09:07,400 --> 00:09:05,220
applications and it was Duane's team and

188
00:09:10,130 --> 00:09:07,410

Theresa here that Charlie mentioned who

189
00:09:12,650 --> 00:09:10,140
went through all those applications one

190
00:09:15,020 --> 00:09:12,660
by one read them all and we had to scour

191
00:09:16,610 --> 00:09:15,030
down to get the the top a hundred and

192
00:09:19,160 --> 00:09:16,620
twenty people that we really wanted to

193
00:09:22,120 --> 00:09:19,170
interview once we brought those 120

194
00:09:24,340 --> 00:09:22,130
folks in they did some initial physical

195
00:09:25,820 --> 00:09:24,350
evaluations they did some anthropometric

196
00:09:28,009 --> 00:09:25,830
evaluations

197
00:09:31,940 --> 00:09:28,019
and after their initial interviews we

198
00:09:34,250 --> 00:09:31,950
down selected again 249 candidates whom

199
00:09:37,759 --> 00:09:34,260
we brought back and did even more

200
00:09:41,210 --> 00:09:37,769
detailed physical evaluations and some

201
00:09:44,180 --> 00:09:41,220
team-building exercises and additional

202
00:09:46,190 --> 00:09:44,190
interviews and the eight people that you

203
00:09:47,690 --> 00:09:46,200
see here before you are the ones that

204
00:09:49,730 --> 00:09:47,700
made it through all the gauntlet of

205
00:09:52,370 --> 00:09:49,740
those evaluations and tests and

206
00:09:55,160 --> 00:09:52,380
interviews so these are the people that

207
00:09:57,740 --> 00:09:55,170
NASA needs today we only have eight

208
00:09:59,930 --> 00:09:57,750
people because the astronaut office is

209
00:10:02,389 --> 00:09:59,940
much smaller based on the new manifests

210
00:10:04,160 --> 00:10:02,399
of serving Space Station today but we're

211
00:10:06,259 --> 00:10:04,170
also looking forward to Commercial Crew

212
00:10:08,269 --> 00:10:06,269
and Orion flights in the future so these

213
00:10:11,540 --> 00:10:08,279

folks may be lucky enough to fly on

214
00:10:13,220 --> 00:10:11,550
those vehicles as well so I'm going to

215
00:10:16,550 --> 00:10:13,230
give you a brief introduction of each

216
00:10:19,160 --> 00:10:16,560
individual very brief just discussing

217
00:10:20,900 --> 00:10:19,170
their education and a little bit about

218
00:10:22,699 --> 00:10:20,910
what they did before they came here and

219
00:10:24,230 --> 00:10:22,709
I'm going to let each individual come up

220
00:10:26,870 --> 00:10:24,240
and say hello and tell you a little bit

221
00:10:30,019 --> 00:10:26,880
more about themselves as well so first

222
00:10:32,180 --> 00:10:30,029
is Josh cassada he's a lieutenant

223
00:10:36,139 --> 00:10:32,190
commander in the United States Navy he

224
00:10:38,120 --> 00:10:36,149
is over 2400 hours of flight time he got

225
00:10:40,610 --> 00:10:38,130
his bachelor's degree from in physics

226
00:10:42,760 --> 00:10:40,620
from Albion College his master's in

227
00:10:46,280 --> 00:10:42,770
physics at the University of Rochester

228
00:10:49,930 --> 00:10:46,290
his PhD in physics from the University

229
00:10:52,040 --> 00:10:49,940
of Rochester and he did his postdoctoral

230
00:10:55,190 --> 00:10:52,050
fellowship at Fermi National Accelerator

231
00:10:58,190 --> 00:10:55,200
Laboratory in high-energy particle

232
00:11:00,530 --> 00:10:58,200
physics he went on to become a United

233
00:11:04,220 --> 00:11:00,540
States Navy test pilot where he flew P

234
00:11:10,579 --> 00:11:04,230
3s and p8 okay Josh come up and say

235
00:11:13,970 --> 00:11:10,589
hello good morning

236
00:11:16,610 --> 00:11:13,980
I am Josh Cassidy my my wife Meg and I

237
00:11:20,180 --> 00:11:16,620
have two young boys Quinn and Graham

238
00:11:23,530 --> 00:11:20,190

four four and two I grew up in White

239
00:11:25,880 --> 00:11:23,540
Bear Lake Minnesota as she mentioned I

240
00:11:27,050 --> 00:11:25,890
studied physics at Albion College in

241
00:11:28,880 --> 00:11:27,060
high-energy physics at University of

242
00:11:31,610 --> 00:11:28,890
Rochester after that was a Navy pilot

243
00:11:34,850 --> 00:11:31,620
and test pilot and I'll tell you I am

244
00:11:36,070 --> 00:11:34,860
just so honored and humbled to be a part

245
00:11:38,650 --> 00:11:36,080
of this NASA

246
00:11:40,769 --> 00:11:38,660
and to be able to contribute to the next

247
00:11:43,060 --> 00:11:40,779
generation of exploration in science and

248
00:11:45,190 --> 00:11:43,070
you know as we've seen over the past

249
00:11:48,340 --> 00:11:45,200
week including the way we're seated up

250
00:11:50,470 --> 00:11:48,350
here today I'm encouraged that maybe

251
00:11:54,280 --> 00:11:50,480
mission assignment will be determined

252
00:11:56,829 --> 00:11:54,290
alphabetically and that's great because

253
00:11:59,350 --> 00:11:56,839
I'll be honest I have no desire to be

254
00:12:06,990 --> 00:11:59,360
graded on a curve with this absolutely

255
00:12:11,079 --> 00:12:08,650
Thank You Josh

256
00:12:12,610 --> 00:12:11,089
next we have Victor Glover he's a

257
00:12:15,130 --> 00:12:12,620
lieutenant commander in the United

258
00:12:17,800 --> 00:12:15,140
States Navy he has more than 2,000 hours

259
00:12:19,750 --> 00:12:17,810
of flight time he has his bachelor's

260
00:12:22,000 --> 00:12:19,760
degree in engineering from California

261
00:12:24,490 --> 00:12:22,010
Polytech collie technics Tate University

262
00:12:26,949 --> 00:12:24,500
his master's in flight test engineering

263
00:12:28,480 --> 00:12:26,959

from the air university a master's in

264
00:12:30,759 --> 00:12:28,490
system engineering from the Naval

265
00:12:32,800 --> 00:12:30,769
Postgraduate School and a master's in

266
00:12:35,139 --> 00:12:32,810
military operational art and science

267
00:12:37,930 --> 00:12:35,149
from the air university he was the

268
00:12:40,480 --> 00:12:37,940
United States test pilot very flew f-18s

269
00:12:42,389 --> 00:12:40,490
he came to us from Washington DC where

270
00:12:45,069 --> 00:12:42,399
he was serving as the United States Navy

271
00:12:53,650 --> 00:12:45,079
legislative fellow in the United States

272
00:12:56,230 --> 00:12:53,660
Senate Victor good morning everyone

273
00:12:58,569 --> 00:12:56,240
my name is Victor Glover and I am from

274
00:13:00,670 --> 00:12:58,579
Pomona California so this humidity is a

275
00:13:03,490 --> 00:13:00,680
major adjustment for me I start sweating

276
00:13:05,350 --> 00:13:03,500
that's why it's not the lights I went to

277
00:13:07,060 --> 00:13:05,360
Cal Poly San Luis Obispo which is where

278
00:13:08,610 --> 00:13:07,070
I met my wife Dianna and together we

279
00:13:11,560 --> 00:13:08,620
have four beautiful children

280
00:13:13,269 --> 00:13:11,570
and I am extremely happy to have them

281
00:13:14,350 --> 00:13:13,279
all here with me and we're all grateful

282
00:13:22,190 --> 00:13:14,360
for this opportunity

283
00:13:27,330 --> 00:13:25,170
Thank You Victor next we have Nick hey

284
00:13:29,610 --> 00:13:27,340
his lieutenant colonel in the United

285
00:13:31,290 --> 00:13:29,620
States Air Force is a Bachelor of

286
00:13:32,700 --> 00:13:31,300
Science degree in aeronautical

287
00:13:35,040 --> 00:13:32,710
engineering from the US Air Force

288
00:13:38,460 --> 00:13:35,050

Academy and Master science from

289
00:13:40,980 --> 00:13:38,470
Aeronautics and Astronautics from MIT he

290
00:13:43,350 --> 00:13:40,990
went on to become an f-16 and f-15

291
00:13:45,690 --> 00:13:43,360
flight testing engineer and a TPS

292
00:13:47,850 --> 00:13:45,700
graduate he came to us from the joint

293
00:13:50,250 --> 00:13:47,860
improvised explosive device defeat

294
00:13:58,980 --> 00:13:50,260
organization where he was a program

295
00:14:01,680 --> 00:13:58,990
manager Nick good morning everybody I'm

296
00:14:03,960 --> 00:14:01,690
Nick hey I guess the one thing I want to

297
00:14:06,060 --> 00:14:03,970
say is I'm just humbled to be a part of

298
00:14:08,400 --> 00:14:06,070
this group and have the opportunity to

299
00:14:10,620 --> 00:14:08,410
join the NASA team this has been a

300
00:14:12,990 --> 00:14:10,630
lifelong dream of mine and it doesn't

301
00:14:15,830 --> 00:14:13,000
seem too long ago that I was growing up

302
00:14:20,130 --> 00:14:15,840
on a farm outside hoxsey Kansas and and

303
00:14:21,870 --> 00:14:20,140
the journey between there and here has

304
00:14:23,640 --> 00:14:21,880
only been made possible by all the love

305
00:14:25,110 --> 00:14:23,650
and support of the people that have

306
00:14:28,440 --> 00:14:25,120
surrounded me along that way especially

307
00:14:31,290 --> 00:14:28,450
my wife Katie who's also a lieutenant

308
00:14:32,940 --> 00:14:31,300
colonel in Air Force I submitted my

309
00:14:36,540 --> 00:14:32,950
first application a little over ten

310
00:14:39,510 --> 00:14:36,550
years ago and I am I'm thrilled to be

311
00:14:41,220 --> 00:14:39,520
here my wife and our two boys have been

312
00:14:43,950 --> 00:14:41,230
riding that emotional rollercoaster over

313
00:14:50,790 --> 00:14:43,960

that decade and just ready to get

314
00:14:53,670 --> 00:14:50,800
started with training thank you Thank

315
00:14:56,250 --> 00:14:53,680
You Nick next we have christina hammock

316
00:14:58,110 --> 00:14:56,260
she has a Bachelor science degree in

317
00:15:01,080 --> 00:14:58,120
electrical engineering from North

318
00:15:03,480 --> 00:15:01,090
Carolina State University a bachelor's

319
00:15:05,030 --> 00:15:03,490
in physics from the same University and

320
00:15:07,170 --> 00:15:05,040
a master's in electrical engineering

321
00:15:09,540 --> 00:15:07,180
again from North Carolina State

322
00:15:11,360 --> 00:15:09,550
University she came to us from the

323
00:15:14,160 --> 00:15:11,370
National Oceanic and Atmospheric

324
00:15:16,260 --> 00:15:14,170
Administration an atmospheric and

325
00:15:18,390 --> 00:15:16,270
climate Observatory and American Samoa

326
00:15:20,310 --> 00:15:18,400
where she was the station chief and she

327
00:15:22,590 --> 00:15:20,320
essentially ran the entire station

328
00:15:24,300 --> 00:15:22,600
single-handedly she's also done some

329
00:15:26,880 --> 00:15:24,310
interesting expeditionary work in

330
00:15:33,490 --> 00:15:26,890
Antarctica and Greenland so please

331
00:15:38,210 --> 00:15:35,810
good morning everyone my name is

332
00:15:41,390 --> 00:15:38,220
Christina hammock and I grew up in

333
00:15:43,340 --> 00:15:41,400
Jacksonville North Carolina my

334
00:15:44,510 --> 00:15:43,350
experience is mainly in electrical

335
00:15:47,420 --> 00:15:44,520
engineering in physics

336
00:15:50,660 --> 00:15:47,430
designing science instruments that fly

337
00:15:53,360 --> 00:15:50,670
on space science missions NASA missions

338
00:15:55,790 --> 00:15:53,370

I've also had the opportunity to work at

339
00:15:57,890 --> 00:15:55,800
science field sites remote sites all

340
00:15:59,960 --> 00:15:57,900
over the world so I have a fairly

341
00:16:02,110 --> 00:15:59,970
diverse background but I like to think

342
00:16:04,760 --> 00:16:02,120
that the unifying theme has been

343
00:16:07,520 --> 00:16:04,770
discovery on the frontiers which is why

344
00:16:08,600 --> 00:16:07,530
I'm so excited to be a part of the space

345
00:16:11,690 --> 00:16:08,610
program

346
00:16:14,060 --> 00:16:11,700
NASA in my opinion is an organization

347
00:16:16,370 --> 00:16:14,070
whose overarching goal is about as

348
00:16:19,400 --> 00:16:16,380
important and fundamental as it can get

349
00:16:21,050 --> 00:16:19,410
which is to move us all forward and I'm

350
00:16:30,010 --> 00:16:21,060
just excited to be a part of that team

351
00:16:32,450 --> 00:16:30,020
so thank you next we have Nicole man

352
00:16:35,270 --> 00:16:32,460
Nicole is a major in the United States

353
00:16:37,730 --> 00:16:35,280
Marine Corps she has more than 1400

354
00:16:39,200 --> 00:16:37,740
hours of flight experience she has her

355
00:16:40,850 --> 00:16:39,210
Bachelors of Science degree in

356
00:16:43,340 --> 00:16:40,860
mechanical engineering from the United

357
00:16:45,560 --> 00:16:43,350
States Naval Academy she was a varsity

358
00:16:48,470 --> 00:16:45,570
women's soccer captain and an academic

359
00:16:50,000 --> 00:16:48,480
all-american there she has her master's

360
00:16:52,850 --> 00:16:50,010
degree in mechanical engineering from

361
00:16:56,090 --> 00:16:52,860
Stanford University she went on to

362
00:16:57,920 --> 00:16:56,100
become an f-18 test pilot and she came

363
00:17:00,820 --> 00:16:57,930

to his most recently from Patuxent River

364
00:17:07,910 --> 00:17:00,830
where she was the Operations Officer

365
00:17:10,160 --> 00:17:07,920
welcome to Colt good morning I'm Nicole

366
00:17:12,290 --> 00:17:10,170
Mann from Penn Grove California which is

367
00:17:15,680 --> 00:17:12,300
a little town just north of San

368
00:17:18,560 --> 00:17:15,690
Francisco I'm a marine f-18 a test pilot

369
00:17:20,210 --> 00:17:18,570
my husband's an f-18 pilot as well but

370
00:17:22,010 --> 00:17:20,220
he's in the Navy so we have a little bit

371
00:17:24,710 --> 00:17:22,020
of good competition going on there and

372
00:17:26,570 --> 00:17:24,720
we have little boy Jack who's one and a

373
00:17:28,189 --> 00:17:26,580
half years old I'm thrilled to be

374
00:17:29,480 --> 00:17:28,199
joining the NASA team and looking

375
00:17:34,380 --> 00:17:29,490
forward to the next two years of

376
00:17:40,990 --> 00:17:37,140
char's little partial to the marine hi

377
00:17:43,870 --> 00:17:41,000
yeah alright so next we have an McLain

378
00:17:45,850 --> 00:17:43,880
and as a major in the United States Army

379
00:17:48,460 --> 00:17:45,860
she has more than two thousand hours of

380
00:17:49,810 --> 00:17:48,470
flight experience she has her bachelor's

381
00:17:52,390 --> 00:17:49,820
degree in mechanical engineering from

382
00:17:54,039 --> 00:17:52,400
the US Military Academy a master's

383
00:17:56,200 --> 00:17:54,049
degree in aerospace engineering from the

384
00:17:58,029 --> 00:17:56,210
University of Bath and a master's degree

385
00:18:00,909 --> 00:17:58,039
in international security from the

386
00:18:02,289 --> 00:18:00,919
University of Bristol she was a very

387
00:18:04,510 --> 00:18:02,299
recent graduate of the United States

388
00:18:05,200 --> 00:18:04,520

test pilot school he has his naval test

389
00:18:07,870 --> 00:18:05,210
pilot school

390
00:18:10,149 --> 00:18:07,880
she's a rotary wing instructor pilot and

391
00:18:12,909 --> 00:18:10,159
trip commander she flew Kiowa warriors

392
00:18:15,250 --> 00:18:12,919
until recently she played with the u.s.

393
00:18:18,100 --> 00:18:15,260
women's national rugby team so she's a

394
00:18:26,260 --> 00:18:18,110
tough one as well welcome to call I'm

395
00:18:28,330 --> 00:18:26,270
sorry and I'm sorry good morning ladies

396
00:18:31,529 --> 00:18:28,340
and gentlemen my name is anne mcclain I

397
00:18:35,560 --> 00:18:31,539
am a major in the Army and a helicopter

398
00:18:37,149 --> 00:18:35,570
scout pilot a recent test pilot from the

399
00:18:39,430 --> 00:18:37,159
time I was a little girl growing up in

400
00:18:42,340 --> 00:18:39,440
Spokane Washington I've been very

401
00:18:44,260 --> 00:18:42,350
inspired by the exploits of NASA by the

402
00:18:47,110 --> 00:18:44,270
people that are now our amazing

403
00:18:48,640 --> 00:18:47,120
administrators here and throughout my

404
00:18:51,549 --> 00:18:48,650
army career I've been very lucky and

405
00:18:53,200 --> 00:18:51,559
fortunate to have mentors and teammates

406
00:18:55,649 --> 00:18:53,210
that have enabled me to get to this

407
00:18:57,940 --> 00:18:55,659
position today and I'm just overjoyed

408
00:19:06,070 --> 00:18:57,950
humbled and truly grateful to be joining

409
00:19:10,630 --> 00:19:06,080
the team okay next we have Jessica

410
00:19:12,549 --> 00:19:10,640
Jessica Muir she came to us as a with a

411
00:19:14,890 --> 00:19:12,559
bachelor's degree in biology from

412
00:19:16,899 --> 00:19:14,900
brownian University her master's degree

413
00:19:20,020 --> 00:19:16,909

in Space Studies from the International

414
00:19:22,000 --> 00:19:20,030
Space University her PhD and marine

415
00:19:26,200 --> 00:19:22,010
biology from Scripps Institution

416
00:19:28,120 --> 00:19:26,210
Institute of Oceanography she was most

417
00:19:29,980 --> 00:19:28,130
recently at the Harvard Medical School

418
00:19:32,500 --> 00:19:29,990
and she has also had some very

419
00:19:34,120 --> 00:19:32,510
interesting fieldwork in Antarctica

420
00:19:35,500 --> 00:19:34,130
dealing with penguins she has some

421
00:19:36,760 --> 00:19:35,510
really great stories if you want to ask

422
00:19:43,080 --> 00:19:36,770
her about her penguins stories in

423
00:19:45,730 --> 00:19:44,860
thank you very much good morning

424
00:19:48,160 --> 00:19:45,740
everybody

425
00:19:50,860 --> 00:19:48,170
I'm Jessica Muir I grew up in Caribou

426
00:19:53,020 --> 00:19:50,870
Maine and I'm a scientist my research

427
00:19:54,880 --> 00:19:53,030
focused on the physiology of animals

428
00:19:57,250 --> 00:19:54,890
that live in extreme environments in

429
00:19:59,860 --> 00:19:57,260
particular deep diving penguins and

430
00:20:01,720 --> 00:19:59,870
seals and high-flying geese I also

431
00:20:03,340 --> 00:20:01,730
previously worked here at the Johnson

432
00:20:05,350 --> 00:20:03,350
Space Center supporting human physiology

433
00:20:07,750 --> 00:20:05,360
research even right here in this

434
00:20:10,090 --> 00:20:07,760
building so it's really in a wonderful

435
00:20:11,920 --> 00:20:10,100
feeling to have rejoined the NASA team

436
00:20:13,480 --> 00:20:11,930
particularly in this capacity I think

437
00:20:20,460 --> 00:20:13,490
I'm still a little bit shocked that it's

438
00:20:24,910 --> 00:20:22,090

thanks Jessica

439
00:20:27,610 --> 00:20:24,920
and last but not least we have Andrew

440
00:20:32,350 --> 00:20:27,620
Morgan who's also a major in the United

441
00:20:33,970 --> 00:20:32,360
States Army drew came to us with a

442
00:20:36,130 --> 00:20:33,980
bachelor's degree in environmental

443
00:20:38,080 --> 00:20:36,140
engineering and he also received his

444
00:20:40,000 --> 00:20:38,090
medical degree from the uniformed

445
00:20:43,240 --> 00:20:40,010
services University of the Health

446
00:20:45,070 --> 00:20:43,250
Sciences he mostly recently completed a

447
00:20:45,820 --> 00:20:45,080
sports medicine fellowship in Fairfax

448
00:20:48,640 --> 00:20:45,830
Virginia

449
00:20:50,980 --> 00:20:48,650
he has been deployed a deployed medical

450
00:20:53,440 --> 00:20:50,990
officer in Afghanistan and working with

451
00:20:55,870 --> 00:20:53,450
Special Operations and he served as a

452
00:20:59,050 --> 00:20:55,880
team member of the Black Knights at West

453
00:21:06,610 --> 00:20:59,060
Point where he completed 380 jumps so

454
00:21:09,490 --> 00:21:06,620
please welcome Andrew Morgan thank you

455
00:21:11,770 --> 00:21:09,500
my name is Drew Morgan and while I am an

456
00:21:13,900 --> 00:21:11,780
army officer and also an emergency

457
00:21:15,820 --> 00:21:13,910
position most importantly I'm a husband

458
00:21:18,760 --> 00:21:15,830
my wife Stacy and I'm our four children

459
00:21:20,080 --> 00:21:18,770
who were able to join me today I count

460
00:21:22,120 --> 00:21:20,090
all four of their heads wanted to make

461
00:21:25,600 --> 00:21:22,130
sure that nobody was in the mock-up

462
00:21:27,310 --> 00:21:25,610
there behind me and pop out I grew up in

463
00:21:29,350 --> 00:21:27,320

a military family moved around quite a

464
00:21:31,750 --> 00:21:29,360
bit I claimed Newcastle Pennsylvania's

465
00:21:34,000 --> 00:21:31,760
home where my parents are from and I

466
00:21:35,920 --> 00:21:34,010
still reside today but my family is very

467
00:21:39,370 --> 00:21:35,930
excited about being Texans for the

468
00:21:42,220 --> 00:21:39,380
foreseeable future I'm extremely excited

469
00:21:44,770 --> 00:21:42,230
to continue to get to know my new seven

470
00:21:47,320 --> 00:21:44,780
new brothers and sisters with who are

471
00:21:48,580 --> 00:21:47,330
going to train alongside me and I won't

472
00:21:50,380 --> 00:21:48,590
be able to make it through without them

473
00:21:57,190 --> 00:21:50,390
thank you

474
00:21:59,590 --> 00:21:57,200
I hope from what you just heard it was

475
00:22:01,000 --> 00:21:59,600
apparent as to why these people were

476
00:22:03,640 --> 00:22:01,010
selected to become the next generation

477
00:22:05,620 --> 00:22:03,650
of the United States astronauts they've

478
00:22:07,870 --> 00:22:05,630
all served their nation proudly and

479
00:22:10,270 --> 00:22:07,880
their previous professions we are very

480
00:22:13,150 --> 00:22:10,280
excited to welcome them here to NASA to

481
00:22:16,660 --> 00:22:13,160
provide as these new astronauts for our

482
00:22:18,100 --> 00:22:16,670
next generation of space explorers so

483
00:22:19,300 --> 00:22:18,110
thank you very much welcome you're going

484
00:22:21,820 --> 00:22:19,310
to have a great time this brings back

485
00:22:24,250 --> 00:22:21,830
great memories so we enjoy I know you're

486
00:22:29,230 --> 00:22:24,260
going to enjoy your time here okay is it

487
00:22:31,270 --> 00:22:29,240
Nicole Europe okay

488
00:22:33,340 --> 00:22:31,280

Thank You Janet with that will now open

489
00:22:35,800 --> 00:22:33,350
it up to the Q&A portion of this event

490
00:22:37,870 --> 00:22:35,810
and we do have microphones posed on

491
00:22:39,700 --> 00:22:37,880
position on either side so if the media

492
00:22:41,500 --> 00:22:39,710
could please approach those state your

493
00:22:42,850 --> 00:22:41,510
name and affiliation and who your

494
00:22:44,260 --> 00:22:42,860
question is directed to if someone

495
00:22:46,390 --> 00:22:44,270
specifically and we'll start with you

496
00:22:49,270 --> 00:22:46,400
Gina Gina Sunseri ABC News let's start

497
00:22:50,830 --> 00:22:49,280
with you Lieutenant Commander Glover was

498
00:22:52,930 --> 00:22:50,840
there an essay question on your

499
00:23:00,200 --> 00:22:52,940
application if so what was it and how

500
00:23:06,070 --> 00:23:02,810
well first I have to get permission to

501
00:23:08,899 --> 00:23:06,080
talk about the interview process but

502
00:23:10,549 --> 00:23:08,909
there was a lot of writing involved the

503
00:23:15,519 --> 00:23:10,559
one that stands out the most is we were

504
00:23:21,019 --> 00:23:15,529
asked to compose a tweet a limerick or a

505
00:23:23,960 --> 00:23:21,029
haiku and I believe I did a limerick and

506
00:23:28,129 --> 00:23:23,970
it goes eyes fixed gazing off into space

507
00:23:30,499 --> 00:23:28,139
my mind in awe of the human race this is

508
00:23:32,720 --> 00:23:30,509
all dizzying to me because I gave so

509
00:23:34,759 --> 00:23:32,730
much blood and pee happy to be here buys

510
00:23:36,289 --> 00:23:34,769
the colonoscopy place and that's funny

511
00:23:41,080 --> 00:23:36,299
if you had to go through this interview

512
00:23:46,269 --> 00:23:45,529
thank you for the question okay next

513
00:23:49,789 --> 00:23:46,279

question

514
00:23:52,369 --> 00:23:49,799
thank you Mark row I write for Aviation

515
00:23:57,049 --> 00:23:52,379
Week I wonder if a one or two of you

516
00:23:58,669 --> 00:23:57,059
could venture a guess or express your

517
00:24:11,730 --> 00:23:58,679
own desire about where you would like to

518
00:24:15,640 --> 00:24:14,080
coming from an instrumentation and

519
00:24:17,410 --> 00:24:15,650
science background I have to say that

520
00:24:19,570 --> 00:24:17,420
I'm actually most excited about the

521
00:24:21,010 --> 00:24:19,580
prospect of potentially contributing to

522
00:24:23,740 --> 00:24:21,020
the research on the International Space

523
00:24:25,960 --> 00:24:23,750
Station it's doing amazing work and it's

524
00:24:34,280 --> 00:24:25,970
a one of a kind laboratory so that's

525
00:24:40,100 --> 00:24:37,330
all right Robert while we go ahead - hi

526
00:24:43,220 --> 00:24:40,110
Robert Perlman with Robert Perlman with

527
00:24:44,810 --> 00:24:43,230
spaced calm and collect space I wonder

528
00:24:45,950 --> 00:24:44,820
if you could talk a little bit about if

529
00:24:48,950 --> 00:24:45,960
some of you could talk a little bit

530
00:24:52,000 --> 00:24:48,960
about how your life has changed in the

531
00:24:54,440 --> 00:24:52,010
past few weeks since you were selected

532
00:24:56,510 --> 00:24:54,450
have you started feeling like astronauts

533
00:24:58,730 --> 00:24:56,520
have you tried on a blue suit have you

534
00:25:06,280 --> 00:24:58,740
signed autographs how has the experience

535
00:25:08,930 --> 00:25:06,290
been thank you for the question Robert

536
00:25:11,020 --> 00:25:08,940
well first of all none of us have ever

537
00:25:13,580 --> 00:25:11,030
stood in front of a group like this and

538
00:25:14,690 --> 00:25:13,590

really getting questions like that and

539
00:25:17,510 --> 00:25:14,700
being interested in the answer so that's

540
00:25:19,760 --> 00:25:17,520
certainly new for all of us something

541
00:25:20,870 --> 00:25:19,770
that amazed me when we got here was that

542
00:25:23,810 --> 00:25:20,880
all of us come from such different

543
00:25:26,930 --> 00:25:23,820
backgrounds and so we've just really

544
00:25:28,580 --> 00:25:26,940
taken the time to get to know each other

545
00:25:30,770 --> 00:25:28,590
and understand what our mission is going

546
00:25:33,650 --> 00:25:30,780
to be the biggest change is it's

547
00:25:36,290 --> 00:25:33,660
extremely humbling to look around the

548
00:25:38,180 --> 00:25:36,300
astronaut office see how much experience

549
00:25:40,460 --> 00:25:38,190
there is how many lessons there is to

550
00:25:42,290 --> 00:25:40,470
learn and it's truly starting at square

551
00:25:44,180 --> 00:25:42,300
one all of us were in our careers and we

552
00:25:46,130 --> 00:25:44,190
were in in places where we really

553
00:25:49,400 --> 00:25:46,140
started to be leaders in those careers

554
00:25:51,530 --> 00:25:49,410
and now we our biggest responsibility is

555
00:25:53,840 --> 00:25:51,540
to learn from all these people around us

556
00:25:56,120 --> 00:25:53,850
from years and years of history of NASA

557
00:25:58,810 --> 00:25:56,130
so that when that bump baton does get

558
00:26:01,220 --> 00:25:58,820
passed to us we're ready to go forward

559
00:26:03,620 --> 00:26:01,230
okay now switching to the side Jeremy

560
00:26:05,480 --> 00:26:03,630
Jeremy diesel with Kate show you here in

561
00:26:09,470 --> 00:26:05,490
Houston great tie Glover that's a good

562
00:26:11,270 --> 00:26:09,480
time beyond that what is it anybody can

563
00:26:14,510 --> 00:26:11,280

feel free to answer this but what is it

564
00:26:17,720 --> 00:26:14,520
that you think you bring to a program

565
00:26:19,670 --> 00:26:17,730
that really is kind of wide-eyed and

566
00:26:21,940 --> 00:26:19,680
open at this point I mean it's been a

567
00:26:25,730 --> 00:26:21,950
long time since this program has had

568
00:26:27,560 --> 00:26:25,740
such a broad range of possibilities that

569
00:26:29,390 --> 00:26:27,570
you could be participating in it's not

570
00:26:30,980 --> 00:26:29,400
like you're signing up to be shuttle

571
00:26:33,380 --> 00:26:30,990
astronauts you're signing up for

572
00:26:36,380 --> 00:26:33,390
whatever happens next so what is it that

573
00:26:40,510 --> 00:26:36,390
you bring that can make that all it can

574
00:26:45,020 --> 00:26:43,610
hi thank you I think you said it we

575
00:26:47,450 --> 00:26:45,030
bring just that we're wide eyed and

576
00:26:49,490 --> 00:26:47,460
we're open and we've all have a diverse

577
00:26:52,190 --> 00:26:49,500
background and have trains and we're

578
00:26:54,710 --> 00:26:52,200
ready here open willing to learn and

579
00:26:56,840 --> 00:26:54,720
train whatever mission that NASA has put

580
00:27:00,710 --> 00:26:56,850
forth for us and we're all very excited

581
00:27:03,200 --> 00:27:00,720
about that switching back to the side

582
00:27:05,120 --> 00:27:03,210
Eric yeah Eric Berger with the Houston

583
00:27:08,780 --> 00:27:05,130
Chronicle thanks for doing this today I

584
00:27:11,000 --> 00:27:08,790
wanted to hear from the the astronaut

585
00:27:12,710 --> 00:27:11,010
who's husband or wife's response to

586
00:27:21,620 --> 00:27:12,720
becoming US astronauts like it was oh

587
00:27:23,870 --> 00:27:21,630
gosh we have to move to Houston thank

588
00:27:27,050 --> 00:27:23,880

you very much for that question

589
00:27:28,940 --> 00:27:27,060
my wife Megan grew up in the northern

590
00:27:31,460 --> 00:27:28,950
portion of the Lower Peninsula of

591
00:27:34,340 --> 00:27:31,470
Michigan and when we were up there three

592
00:27:35,960 --> 00:27:34,350
weeks ago and it hit 83 and she told me

593
00:27:40,490 --> 00:27:35,970
that she couldn't make it through that

594
00:27:43,400 --> 00:27:40,500
week and I knew I was in for a quite a

595
00:27:48,350 --> 00:27:43,410
ride she's uh she's very excited as all

596
00:27:49,490 --> 00:27:48,360
four of us are but that that was the big

597
00:27:53,750 --> 00:27:49,500
adjustment for us but we're really

598
00:27:55,790 --> 00:27:53,760
excited to be here as a unit okay

599
00:27:58,010 --> 00:27:55,800
switching back to the right I'm da moly

600
00:27:59,870 --> 00:27:58,020
Keith with Fox 26 News I'm a Michigan

601
00:28:01,610 --> 00:27:59,880
Michigan girl also tell your wife to

602
00:28:03,680 --> 00:28:01,620
hang in there I've not burst into a ball

603
00:28:06,320 --> 00:28:03,690
of flames yet I've been here 13 years so

604
00:28:08,120 --> 00:28:06,330
she'll make it and I've got a couple of

605
00:28:11,000 --> 00:28:08,130
questions from our social media page

606
00:28:14,060 --> 00:28:11,010
some of our social media fans want to

607
00:28:15,710 --> 00:28:14,070
know what qualifications do you need to

608
00:28:17,360 --> 00:28:15,720
become an astronaut and do you have to

609
00:28:18,950 --> 00:28:17,370
train physically do you have to be in a

610
00:28:23,750 --> 00:28:18,960
certain physical shape in order to

611
00:28:27,980 --> 00:28:25,610
yeah that's a great question I think

612
00:28:29,870 --> 00:28:27,990
we've all been asked that a lot really

613
00:28:31,909 --> 00:28:29,880

the minimum criteria are that you have a

614
00:28:33,769 --> 00:28:31,919
bachelor's degree in a hard science and

615
00:28:36,259 --> 00:28:33,779
then three years of experience beyond

616
00:28:38,480 --> 00:28:36,269
that or an advanced degree also

617
00:28:41,299 --> 00:28:38,490
qualifies you have to be a US citizen

618
00:28:43,580 --> 00:28:41,309
and then you just apply online like all

619
00:28:46,340 --> 00:28:43,590
government jobs you apply on the USAJOBS

620
00:28:48,830 --> 00:28:46,350
website and it's really a basic CV from

621
00:28:51,409 --> 00:28:48,840
the beginning I think there there isn't

622
00:28:52,669 --> 00:28:51,419
really a definition of a strict physical

623
00:28:54,860 --> 00:28:52,679
requirement you know we don't need to

624
00:28:56,330 --> 00:28:54,870
run a mile in less than six minutes or

625
00:28:58,789 --> 00:28:56,340
anything like that but of course there

626
00:29:00,919 --> 00:28:58,799
are quite strict medical criteria in

627
00:29:02,360 --> 00:29:00,929
terms of overall good health which of

628
00:29:04,370 --> 00:29:02,370
course will be very very important

629
00:29:04,700 --> 00:29:04,380
particularly for long duration Space

630
00:29:07,519 --> 00:29:04,710
Flight

631
00:29:09,110 --> 00:29:07,529
and of course that but a good physical

632
00:29:10,730 --> 00:29:09,120
condition always helps out with that so

633
00:29:12,409 --> 00:29:10,740
I think everybody here you know as

634
00:29:14,060 --> 00:29:12,419
always worked and worked hard at

635
00:29:17,360 --> 00:29:14,070
attaining a good physical condition as

636
00:29:19,399 --> 00:29:17,370
well okay and that's a good segue NASA

637
00:29:20,960 --> 00:29:19,409
likewise is accepting questions via

638
00:29:23,629 --> 00:29:20,970

social media so we have a question that

639
00:29:27,049 --> 00:29:23,639
was submitted via Twitter from master

640
00:29:32,799 --> 00:29:27,059
EDD asking what experience in K through

641
00:29:36,860 --> 00:29:35,360
I'll stand up this time I apologize for

642
00:29:39,320 --> 00:29:36,870
not standing for your question so master

643
00:29:41,120 --> 00:29:39,330
EDD that's a great question and I love

644
00:29:43,970 --> 00:29:41,130
to tell this story when I was in fifth

645
00:29:46,340 --> 00:29:43,980
grade I had a teacher mr. Hargrove he

646
00:29:49,009 --> 00:29:46,350
was my science teacher and he said to me

647
00:29:51,529 --> 00:29:49,019
I really like math and he said you'd

648
00:29:52,940 --> 00:29:51,539
make a good engineer and I thought he

649
00:29:55,700 --> 00:29:52,950
was talking about the striped hat

650
00:29:57,500 --> 00:29:55,710
driving trains but it was his belief

651
00:29:59,960 --> 00:29:57,510
that I would be a good engineer that

652
00:30:01,730 --> 00:29:59,970
still drives me to this day I received a

653
00:30:03,889 --> 00:30:01,740
degree in engineering I've been working

654
00:30:05,899 --> 00:30:03,899
in a technical capacity mixed with my

655
00:30:07,669 --> 00:30:05,909
operational capacity and it all is

656
00:30:09,409 --> 00:30:07,679
because of that day when mr. Hargrove

657
00:30:11,750 --> 00:30:09,419
said that you'd make a great engineer

658
00:30:13,879 --> 00:30:11,760
and that belief that he had in me is

659
00:30:15,230 --> 00:30:13,889
what what impacted me the most and he

660
00:30:18,019 --> 00:30:15,240
was also a great teacher so that helps

661
00:30:19,909 --> 00:30:18,029
well thank you thank you we have another

662
00:30:22,310 --> 00:30:19,919
from Facebook this was submitted by

663
00:30:24,470 --> 00:30:22,320

Michele Brown asking what made you want

664
00:30:29,430 --> 00:30:24,480
to become an astronaut and which current

665
00:30:34,470 --> 00:30:31,620
that's a great question then in very

666
00:30:37,650 --> 00:30:34,480
similar ways that Victor described many

667
00:30:38,130 --> 00:30:37,660
things have inspired all of us over the

668
00:30:40,110 --> 00:30:38,140
years

669
00:30:42,780 --> 00:30:40,120
I remember when I was in fourth grade

670
00:30:44,310 --> 00:30:42,790
one of my dad's assignments we lived in

671
00:30:46,140 --> 00:30:44,320
San Antonio Texas and I was in fourth

672
00:30:48,720 --> 00:30:46,150
grade we were celebrating Texas Day and

673
00:30:51,090 --> 00:30:48,730
we all had to write to famous Texans and

674
00:30:53,940 --> 00:30:51,100
we wrote letters and I chose to wrote to

675
00:30:55,890 --> 00:30:53,950
Allen being a Texas native and Apollo

676
00:30:57,810 --> 00:30:55,900
astronaut I wrote to him and I received

677
00:31:00,540 --> 00:30:57,820
several weeks later a letter in the mail

678
00:31:03,030 --> 00:31:00,550
it was addressed from NASA and I was

679
00:31:06,330 --> 00:31:03,040
convinced that that was my acceptance as

680
00:31:09,120 --> 00:31:06,340
an astronaut candidate and from that day

681
00:31:11,670 --> 00:31:09,130
forward if I had to peg a point it was

682
00:31:13,410 --> 00:31:11,680
that point it was a letter from Allen

683
00:31:16,140 --> 00:31:13,420
beam that made that difference for me

684
00:31:18,120 --> 00:31:16,150
and and then over the course of my army

685
00:31:20,760 --> 00:31:18,130
career many army astronauts inspired me

686
00:31:24,450 --> 00:31:20,770
and followed their careers and they were

687
00:31:27,450 --> 00:31:24,460
heroes to me and their heroes me now so

688
00:31:29,400 --> 00:31:27,460

thank you one final question from

689
00:31:31,410 --> 00:31:29,410
Facebook this is from Jack Brian who

690
00:31:34,940 --> 00:31:31,420
asked what advice do you have for any

691
00:31:37,860 --> 00:31:34,950
young people who want to be an astronaut

692
00:31:39,120 --> 00:31:37,870
that is another great question because I

693
00:31:42,420 --> 00:31:39,130
know that none of us would be sitting

694
00:31:45,420 --> 00:31:42,430
here without the mentors teachers family

695
00:31:46,650 --> 00:31:45,430
friends that we had growing up but

696
00:31:48,270 --> 00:31:46,660
something that you can learn by looking

697
00:31:49,710 --> 00:31:48,280
at all eight of us and the biographies

698
00:31:53,190 --> 00:31:49,720
that you just heard is that we all took

699
00:31:55,320 --> 00:31:53,200
very very different paths to get here my

700
00:31:56,460 --> 00:31:55,330
advice to young people is to find

701
00:31:59,850 --> 00:31:56,470
something that you're passionate about

702
00:32:01,710 --> 00:31:59,860
something that you enjoy doing something

703
00:32:02,880 --> 00:32:01,720
that if you never get to the step of

704
00:32:05,630 --> 00:32:02,890
becoming an astronaut you're going to

705
00:32:07,950 --> 00:32:05,640
look back and be very satisfied and then

706
00:32:11,310 --> 00:32:07,960
try to become the ticket to the top of

707
00:32:12,720 --> 00:32:11,320
your field but in doing so don't think

708
00:32:15,990 --> 00:32:12,730
so much about what you're accomplishing

709
00:32:18,270 --> 00:32:16,000
but how you accomplish it be a good team

710
00:32:20,580 --> 00:32:18,280
member be a good leader be a good

711
00:32:22,140 --> 00:32:20,590
follower be somebody that if you are

712
00:32:24,060 --> 00:32:22,150
selected people around you're proud

713
00:32:27,600 --> 00:32:24,070

never take advantage of somebody else in

714
00:32:29,850 --> 00:32:27,610
order to get ahead and so think about

715
00:32:32,160 --> 00:32:29,860
the how and not just the what great

716
00:32:33,870 --> 00:32:32,170
words and and we'll take it back here to

717
00:32:35,640 --> 00:32:33,880
Johnson Space Center for questions Eric

718
00:32:38,490 --> 00:32:35,650
yeah this is Eric Berger again I'm just

719
00:32:40,320 --> 00:32:38,500
curious what what y'all were told during

720
00:32:42,660 --> 00:32:40,330
the interview process when you had a

721
00:32:43,360 --> 00:32:42,670
chance to ask questions about where you

722
00:32:45,580 --> 00:32:43,370
might be fly

723
00:32:46,840 --> 00:32:45,590
was it you know was it were you told

724
00:32:49,630 --> 00:32:46,850
basically that you'd have an opportunity

725
00:32:54,150 --> 00:32:49,640
go to station and then other places or

726
00:32:59,230 --> 00:32:56,290
during the during the interview process

727
00:33:01,090 --> 00:32:59,240
the focus was really on trying to find

728
00:33:02,470 --> 00:33:01,100
out what we were going to step into in

729
00:33:07,210 --> 00:33:02,480
terms of the next two years of training

730
00:33:09,100 --> 00:33:07,220
in on station and you know we've got

731
00:33:10,870 --> 00:33:09,110
senior leadership that's going to make

732
00:33:14,740 --> 00:33:10,880
their decisions and I'll be happy to fly

733
00:33:16,650 --> 00:33:14,750
anywhere they tell me to okay it looks

734
00:33:19,390 --> 00:33:16,660
like one remaining media question mark

735
00:33:22,840 --> 00:33:19,400
yes thanks Mark Carreau for Aviation

736
00:33:25,480 --> 00:33:22,850
Week could somebody give us kind of a

737
00:33:27,100 --> 00:33:25,490
summary of the of the training period

738
00:33:34,799 --> 00:33:27,110

for the next two years what are some of

739
00:33:40,090 --> 00:33:37,240
the chief of the astronaut office is dr.

740
00:33:41,380 --> 00:33:40,100
Bob Behnken who can summarize best the

741
00:33:45,160 --> 00:33:41,390
training flip for the next couple of

742
00:33:47,110 --> 00:33:45,170
years I thank you it's an excellent

743
00:33:48,880 --> 00:33:47,120
question folks often wonder what they've

744
00:33:50,890 --> 00:33:48,890
signed up for sometimes after they

745
00:33:52,900 --> 00:33:50,900
actually arrive in Houston but over the

746
00:33:54,490 --> 00:33:52,910
next few years of course from a

747
00:33:56,740 --> 00:33:54,500
technical perspective the training will

748
00:33:58,510 --> 00:33:56,750
focus on the space station understanding

749
00:34:00,250 --> 00:33:58,520
operations on board and the things that

750
00:34:01,930 --> 00:34:00,260
the crews that are actually onboard the

751
00:34:04,150 --> 00:34:01,940
space station are actually going through

752
00:34:06,130 --> 00:34:04,160
these folks will all fill support roles

753
00:34:08,649 --> 00:34:06,140
for station crews before they are signed

754
00:34:10,419 --> 00:34:08,659
on to missions they'll also have a t-38

755
00:34:12,220 --> 00:34:10,429
training where those that already have

756
00:34:14,800 --> 00:34:12,230
an aviation background will rehan their

757
00:34:16,720 --> 00:34:14,810
skills in the t-38 and those that do not

758
00:34:18,280 --> 00:34:16,730
will have the opportunity to get that

759
00:34:20,680 --> 00:34:18,290
aviation background under their belt

760
00:34:22,450 --> 00:34:20,690
before they start supporting the crews

761
00:34:24,790 --> 00:34:22,460
that are actually on orbit will also

762
00:34:25,180 --> 00:34:24,800
visit the NASA centers around the

763
00:34:27,520 --> 00:34:25,190

country

764
00:34:29,050 --> 00:34:27,530
so that the the class as a whole will

765
00:34:30,760 --> 00:34:29,060
have a good understanding of all the

766
00:34:33,340 --> 00:34:30,770
things that go into making NASA

767
00:34:34,899 --> 00:34:33,350
successful as it is that pretty much

768
00:34:37,450 --> 00:34:34,909
covers most of the things that they'll

769
00:34:39,310 --> 00:34:37,460
be doing there'll be a lot of small bits

770
00:34:40,960 --> 00:34:39,320
and pieces that to fill the space

771
00:34:46,120 --> 00:34:40,970
between all those big events but those

772
00:34:49,880 --> 00:34:48,560
okay looks like we do have maybe one

773
00:34:51,260 --> 00:34:49,890
more question this will be the last one

774
00:34:53,870 --> 00:34:51,270
if I could just ask one more question

775
00:34:55,760 --> 00:34:53,880
you said you'll put you first apply 10

776
00:34:57,650 --> 00:34:55,770
years ago I'm wondering if you can tell

777
00:35:03,500 --> 00:34:57,660
youngsters the importance of not giving

778
00:35:04,520 --> 00:35:03,510
up yeah I'll speak from my experience I

779
00:35:07,850 --> 00:35:04,530
know there are others up here that

780
00:35:10,370 --> 00:35:07,860
applied as well multiple times you just

781
00:35:11,840 --> 00:35:10,380
you know you find something and like ian

782
00:35:13,880 --> 00:35:11,850
was talking about being passionate about

783
00:35:15,830 --> 00:35:13,890
something you find it you want to go for

784
00:35:17,570 --> 00:35:15,840
it figure out the steps that you need to

785
00:35:20,360 --> 00:35:17,580
get there and don't take no for an

786
00:35:24,380 --> 00:35:20,370
answer and and just you know keep

787
00:35:26,060 --> 00:35:24,390
working hard and it can pay off great

788
00:35:27,800 --> 00:35:26,070

note to end it on that concludes our

789
00:35:29,420 --> 00:35:27,810
program today thank you all for joining